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State of California

THE RESOURCES AGENCY
DEPT. OF CONSERVATION

DIVISION OF FORESTRY

NEWS LETTER

April-May 1964
Vol. 23-No. 4 & 5

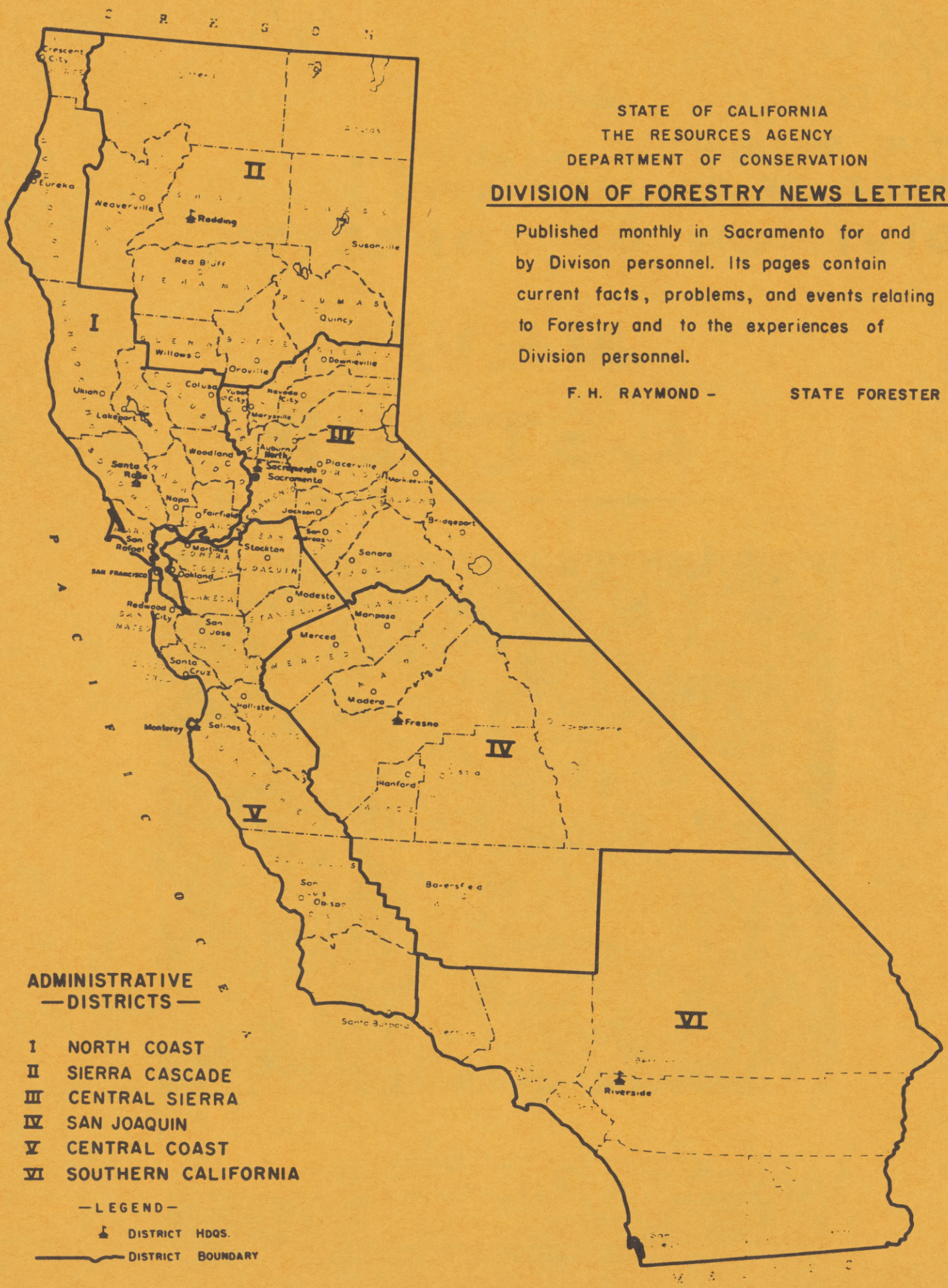
KEEP CALIFORNIA
GREEN and GOLDEN

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

DIVISION OF FORESTRY NEWS LETTER

Published monthly in Sacramento for and by Divison personnel. Its pages contain current facts, problems, and events relating to Forestry and to the experiences of Division personnel.

F. H. RAYMOND - STATE FORESTER



ADMINISTRATIVE —DISTRICTS—

I NORTH COAST
II SIERRA CASCADE
III CENTRAL SIERRA
IV SAN JOAQUIN
V CENTRAL COAST
VI SOUTHERN CALIFORNIA

—LEGEND—

DISTRICT HDQS.

DISTRICT BOUNDARY

COVER PHOTO - Crystal Creek Camp in Butte County, one of 32 similar institutions strategically located throughout California's foothill and mountain areas to house prisoners used in forest fire fighting and other conservation work.

Using Conservation Camps for inmate housing saves the Department of Corrections more than 20% of the $2,000 per year, per man, cost of larger "prisons".

Other benefits include vastly improved protection of the State's resources and a "Superior" climate for inmate rehabilitation programs.

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MARCH ACTIVITIES

RAILROAD FIRES STUDIED

More than one hundred people representing railroads, the California Division of Forestry, the U. S. Forest Service, and county fire control agencies conducted a workshop in Bakersfield to study all facets of fires started by trains or along railroad rights-of-way.

All forest, grass, watershed or improvement fires involving railroads or railroad property during 1963 were studied for the purpose of reducing or eliminating similar fires in 1964.

One railroad reported 370 miles of right-of-way and 700 acres of off-track holdings fireproofed by March 30th.

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FORESTERS AID AREA DEVASTATED BY TIDAL WAVE

At 2:50 A.M. on March 28, Division of Forestry personnel were cooperating with Civil Defense and local officials in reduce and salvage operations following the disastrous tidal wave that swept over parts of Crescent City.

Official action started with Division officers manning the Fortuna Civil Defense radio and ordering fire trucks and other radio equipped vehicles into the disaster area on fire patrol and rescue missions.

By daylight other Division of Forestry personnel not assigned to the Humboldt-Del Norte Ranger Unit were an integral part of the local rescue team, having volunteered for service with local officials.

At the peak of the operation Forestry had sixteen men, seven fire trucks, a pumper truck, a pickup, an emergency fire camp, two bulldozers, and four Conservation Camp crews involved in salvage, rescue, traffic control and checking on hazardous fire areas. Another 2,000 men and more than 1,000 pieces of equipment could have been in the area in less than 24 hours had they been needed.

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CONSERVATION CAMP CREW MEN DONATE BLOOD

Mount Bullion Youth Conservation Camp wards donated forty-six pints of blood to be used as needed for the benefit of local people in the Mariposa area of Mariposa County. Inmates from the Miramonte Conservation Camp donated forty-one pints of blood to the Veterans Hospital in Fresno.

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LOS ANGELES AREA FIRES POSE EROSION THREAT

Potential for soil erosion and flood damage following the Chevy Chase and Whiting Woods fires in the Los Angeles area was so great that specialists in the Department of Conservation's Division of Forestry recommended emergency revegetation measures for 9,440 acres of the burned area.

Helicopters covered the denuded hillsides with grass seed which is expected to germinate in late spring rains and provide a protective mantle before the

heavy storms expected next fall.

Some damage has already been caused by mud flows resulting from torential rains pelting the denuded hillsides. More is expected unless emergency revegetation measures are successful. Project leaders warn that seeding efforts this late in the year are a gamble, but not as much of a gamble as not trying to give as much protection as possible to the watershed and home sites in and below the burned-over areas.

The Division of Forestry cooperated with local authorities by providing both technical and financial assistance on the emergency revegetation project.

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APRIL ACTIVITIES

FIRE SEASON DECLARED

State Forester Francis Raymond declared fire season to exist as of April 16 in Southern California and after midnight April 30 in Central and Northern California.

Declaration of fire season allows Rangers to hire seasonal firefighters and lookouts and requires that suitable numbers of personnel and equipment be available for duty 24 hours a day, 7 days a week. Normal duty week for Division of Forestry personnel during the non-fire season is eight hours a day five days a week.

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PRIVATE INTERESTS PROMOTE FIRE PREVENTION EDUCATION

On April 28 some 70 active Northern California members of the California Fire Prevention Committee met in San Francisco to report on prevention plans for the 1964 fire season.

All members indicated a willingness to equal or exceed last year's fire prevention educational efforts to meet the needs of an expected difficult forest fire season because of a general lack of precipitation throughout most of California.

The Department of Conservation's Division of Forestry will furnish educational materials and advise the government agencies, businesses public utilities, public service organizations and others of the committee in their 1964 forest fire prevention efforts.

A portion of the meeting was devoted to new legislation which requires clearance around structures, screens on chimneys and incinerators, spark arresters on internal combustion engines and prohibits pedestrians as well as vehicle occupants from discarding lighted objects in areas where fires could start.

****

FORESTRY YOUTH CAMP TRAINEES GRADUATED

Of the eleven young men who completed a normal six-month period of enrollment in the California Youth Conservation and Training Program, three have been accepted for an additional enrollment period and eight will leave the Oak Glen Forestry Youth Camp in Riverside County to seek private employment or return to school. All eleven were feted at a graduation ceremony which included comments from the graduating youths and representatives of the Departments of Industrial Relations, Youth Authority, Employment, Conservation and Education.

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CALIFORNIA SITE CHOSEN FOR NATURAL HISTORY LANDMARKS REGISTRY

A 3,600 acre tract four miles north of Branscomb in Mendocino County

was among the first seven spots in the United States to be found eligible for inclusion in the new National Registry of Natural History Landmarks by the National Park Service.

The tract, owned by the Nature Conservancy, is largely in the Elder Creek drainage, but includes part of the south fork of the Eel River. Vegetation is virgin Douglas fire and Coast redwood with chaparral along some of the ridge tops.

Registration of the tract by the National Park Service will focus nationwide attention on this natural area which has been little influenced by man while the surrounding country succumbed to the pressures and changes of civilization.

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TIMBER ON JACKSON STATE FOREST INVENTORIED

A five-year project to inventory the kind, number, volume and growth of trees on the 50,000 acre Jackson State Forest in Mendocino County was completed by the Department of Conservation's Division of Forestry in April.

Data accumulated shows that the forest grows 33 million board feet of timber each year. That it now contains 1.5 billion board feet, that its annual growth rate per acre is 659 board feet and that the stand contains 60% redwood by volume.

Information gained in the five-year study will be used in management planning and in determining the amount of timber that can be cut each year from a tract dedicated to the determination and demonstration of improved forest practices.

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FOREST PEST CONTROL ZONE DECLARED

The State Board of Forestry declared the existence of a Zone of Insect Investation in the Knox Mountain area of Modoc County.

In the Zone some 3,200 acres of private and Federal lands are infested with white fir saw fly which is defoliating the trees.

The U. S. Forest Service and the Department of Conservation's Division of Forestry will cooperate with the private landowners in controlling the destructive forest pest.

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FORESTRY OPPORTUNITIES

More foresters are needed in Latin America according to the United Nations Food and Agriculture Organization Advisory Committee on Forestry Education.

According to FAO, Latin America has one forester for every half-million hectares (1 hectare equals 2½ acres) of accessible forest compared with one for every thousand hectares in some European countries.

With the expectation that the world will need twice as much wood by the end of the century as it now consumes, there will be an even greater need in the future for the professional forester.

FAO has given its approval for the establishment of forest rangers schools in every country with valuable untapped forest resources, and to higher university training in countries or regions with extensive forest resources. FAO is the executing agency for ten United Nations Special Fund projects in the forestry education field.

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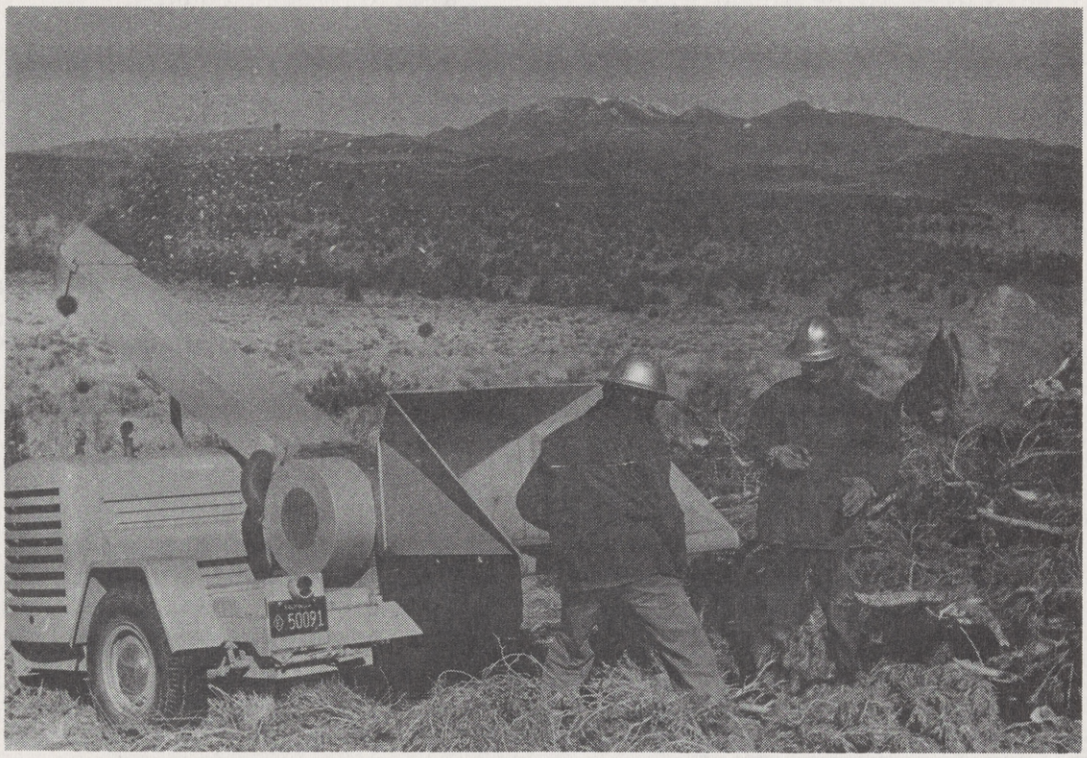

WILDLIFE CONSERVATION EFFORT

The Inyo-Mono Conservation Camp is working on a project in cooperation with the Department of Fish and Game which literally involves the saving of a large deer herd.

This herd winters in an area around Casa Diablo Hot Springs along Highway 395 north of Bishop. The herd depends on a diminishing supply of bitterbrush (Purshia tridentata) as a winter forage. Thirty years ago this area was a prime bitterbrush range and furnished migrating deer from the east side of the high Sierra mountain range with winter food.

For reasons unknown to ecologists, about 20 to 30 years ago, Pinon Pine (Pinus momophylla) which is a native species of the area, growing in scattered locations, began to spread out and compete with the then dominate bitterbrush. Today in many locations the pines have propogated, overstorying the bitterbrush and killing it out to the point where deer are dying from lack of food.

The Conservation Camp project consists of inmate labor removing all Pinon Pines up to 15 feet in height and pulling all seedlings. Vegetation, thus removed, is chipped in a mechanical chipper. Chips are spread on the ground to build up the soil and to eliminate burning, which is very risky in this area during the winter.

This project, the first of

its kind, is being carried on as an experiment, involving eleven square miles of which one square mile is being left untouched as a control plot. Wildlife management personnel with the Department of Fish and Game and the U. S. Forest Service are keeping a keen eye on the project as it may apply to other areas in the future if successful.

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K. B. McGuire showing State Board of Forestry members plaque on Jackson State Forest in memory of Jacob Green Jackson, founder of the Caspar Lumber Company. Left to right: Judge Peter J. Cormack. K. B. McGaven, Whitford B. Carter, Board Chairman; Edward P. Ivory, Assistant Chairman; Leslie O. Cody, Paul Aurignac; and General Frank C. Myers.

IN MEMORIUM

Funeral services were held at 2 P.M. on Thursday, April 9, 1964, for Casimir Jackson Wood, head of the Caspar Lumber Company from whom Jackson State Forest was purchased, and grandson of Jacob Green Jackson for whom the Forest was named.

Mr. Wood, who was 94, died in his sleep Tuesday in his Hillsborough home.

Mr. Wood was born in Caspar, in Mendocino County, and grew up in the lumber business. He was active in the business until the day before his death and drove his car almost daily from his home in Hillsborough to his office in San Francisco.

Mr. Wood was active in timber circles, the Masons, the Olympic Club and other civic responsibilities. He is survived by his wife, Irene Traynor Wood; a daughter, Abbie Fout of Palo Alto; a son Casimir Jackson Wood Jr. of Atherton; and a sister, Mrs. Frances A. Harris of Pasadena.

Deputy State Forester FRED M. DUNOW (left) presents a 25-Year Award to State Forest Ranger DAVE GERMAN of Amador County.

Dave began his career with the Division of Forestry in 1939 when he was assigned to the North Butte Unit as an Assistant Ranger. In 1941 Dave was transferred to Humboldt County where he served until he entered the Navy Sea Bees during World War II.

Upon returning from the service Dave was assigned to Lake County for a period of 5 years and in 1952 moved to Monterey as an Associate Ranger, in which position he served until coming to Amador County as Ranger in 1957. Many of Dave's friends and fellow employees were on hand for the presentation.

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LETTER TO GOVERNOR BROWN FROM HUGO FISHER, ADMINISTRATOR, RESOURCES AGENCY

On the eve of your trip to the Redwood Country, it is appropriate that we give you a brief resume of the objectives that guide us and the problems that confront us in our great Redwood State Parks. It was in the Redwood Country that our State Park System had its real beginnings; it was here that the State Park Program generated the momentum which has carried it to the position of prominence which it enjoys in the world today. It is here, perhaps, that the real stature of our State Park System will be measured, as the nation and the world observe our efforts to perpetuate the magnificent forests of the Redwood Parks, and to find ways and means for making these forests available for enjoyment by the people.

What are we really trying to do in the Redwood Parks? All too often people tend to think in terms of saving Redwood trees--individual trees--but in truth this concept widely misses the mark. Rather, we are concerned with preserving, for all time, outstanding examples of The Redwood Country, with its forests, its seashores, its mountains, its streams, its meadows, its animals, indeed all of the multitude of features that, taken together become the Redwood Country as our forebears knew it, as we know it, and as future generations will know it if we do our job well.

As we approach our task in the Redwood Country, several things become clearly apparent. First of all, it is necessary that we set aside logical portions of outstanding redwood lands that are large enough to sustain themselves. The redwood is a tree which is dependent upon its fellows, large numbers of them, to achieve its maximum vigor and its greatest growth. Off by itself, it seldom does well. It requires great reaches of forest, whole watersheds, and very special climatic conditions (much of which it makes itself by its very presence and numbers) if it is satisfactorily to maintain itself. We can grow redwood trees almost anywhere; but if the great forests of the Redwood Country are reduced or impaired unwisely, they will deteriorate and eventually disappear as we know them, and replacement will be impossible! For the very conditions which must be present to sustain these forests will be gone.

Secondly, it is essential that we manage and use the lands of our Redwood Parks wisely so that we do not, by our activities, upset the delicate balances which exist, and which are essential to the welfare of the forests. Developments must be placed to enable people to enjoy the Redwoods without damaging them. Park roads must be built in ways which will let the people see the forests without opening wind tunnels through the trees; without destroying the ecological continuity of the forest by cutting it into pieces which are to small to sustain themselves.

Lastly, it is vital that we deny all non-park uses of State Park lands in the Redwood Country, particularly those which would impair the quality or integrity of the forests and all related park resources.

This, then, is the framework within which we must view our great Redwood Parks of the North. These Parks have, each one of them, been selected as parts of the Redwood Country which are worth saving for public enjoyment forever, and which are large enough, with wise use and good management, to sustain themselves as stable ecological entities.

Each has its distinctive features and its special values to people. At Jedediah Smith Redwoods, near Crescent City, the forests stretch uninterrupted for miles and are traversed only by a narrow country road which offers a scenic experience which is without peer anywhere in the world. Here also flows the Smith River, clear and cold, with wild riverbank lands which are inseparable from the forest scene and must be preserved and enjoyed along with the redwoods themselves.

At Del Norte Coast Redwood the forests extend to the very seashore, and interwoven with the Redwoods are our finest stands of rhododendron.

At Prairie Creek Redwoods we have perhaps our greatest opportunity for preserving and presenting the Redwood Country. Consider our Declaration of Purpose:

> The purpose of Prairie Creek Redwoods State Park is to make available to people forever, for their inspiration and enjoyment, in a condition of unimpaired ecological integrity, the great forests of the Prairie Creek basin and adjacent areas west to the sea, including the wild ocean beach; together with all related scenic, historic, scientific and recreational values and resources of the area.

Here the forests sweep unbroken

from the eastern ridges of Prairie Creek to the sea! Here ranges the Roosevelt Elk, relying on forest, meadow and sea for his very well-being. Here, in trying to preserve unbroken the forest and landscape continuity from the sea to the eastern ridges, we are talking about saving a park! not a few trees, for if the continuity is broken, the basic values are essentially destroyed and the true quality of the park is lost forever.

At Humboldt Redwoods, farther south in the drainage of the South Fork Eel River, the individual redwoods seem to have reached their finest development. Here stands the world's tallest known tree; here is the heaviest known forested acre in the world; here is the great Rockefeller Redwood Forest on Bull Creek, and the Garden Club of America Forest on Canoe Creek. Here we bitterly learned the lesson of inadequate watershed control, when unwise use in upper Bull Creek led to the disaster of 1955-56 which literally gutted the Rockefeller Forest.

Our responsibilities in the Redwood Parks are as great as any confronting any park organization in the world today! The Redwoods are a world resource, and we are being asked to hold a portion of that resource inviolate for the enjoyment of people today and tomorrow. Quality must be our watchword! We cannot be found lacking in this effort. People must be afforded the opportunity to know and enjoy the redwoods, unspoiled by unsightly developments, or by disturbing noises stemming from intruding non-park uses. Our best will be none too good in the Redwoods. We must do no less.

Deputy State Forester FRED M. DUNOW presents Foreman IVAN PHILLIPS, Instructor at the Central Sierra Training Center with a Merit Award on behalf of the State Merit Award Board for building a training aid from surplus equipment.

Foreman Phillips designed a cutaway model showing the working parts of a jeep. Fuel, oil, electrical, and brake systems are color coded for easy recognition by students. All parts of the cutaway are "operational" and activated by an electric motor.

IRON MINE CONSERVATION CAMP built the instructional model designed by Phillips.

CENTRAL SIERRA GRAUDATION

Friday, March 20, 1964, was a very special occasion at the Central Sierra Training Center.

This was graduation day for Foreman Class #10, composed of 4 Project Foremen, 14 Firefighter Foremen, and representatives of the Forestry Departments of Montana and Nevada.

Deputy State Forester FRED DUNOW was on hand to present the graduates with their diplomas. Ranger JACK KESSLER of Sonoma County made the graduation address. Foreman DANIEL KRADER of Humboldt was class valedictorian and Foreman BOB MAXEY of Shasta County was the class-elect speaker.

PERSONNEL CHANGES

ADMINISTRATION

Promotions

3-1-64 Harold G. Nixon from Associate State Forest Ranger in Tehama to State Forest Ranger I in Engineering.

Transfers

3-16-64 Nancy M. Tagupa from Division of Highways to Engineering Intermediate Stenographer.

Terminations

2-27-64 Joan Stolp, Junior Clerk.

3-31-64 Martha N. Hargis, Intermediate Stenographer.

3-31-64 Lois Henderson, Intermediate Typist Clerk.

4-15-64 Letty L. Reid, Intermediate Typist Clerk.

Retirees

2-29-64 Olive Thickstun, Intermediate Stenographer Clerk.

DISTRICT I

Promotions

2-3-64 John J. McGough from Forest Firefighter Foreman, District VI, to Forestry Work Project Foreman, Alder Conservation Camp, Del Norte.

1-31-64 Curtiss W. Kinnon from Forest Firefighter Foreman, District VI, to Assistant Forest Technician, Jackson State Forest, Mendocino County.

1-31-64 Thomas D. Neilson from Assistant State Forest Ranger to Associate State Forest Ranger, Mendocino County.

3-1-64 Ray T. Stewart from Forest Firefighter Foreman, District VI to Forestry Work Project Foreman, Mobile Conservation Camp, Mendocino County.

1-31-64 Donald W. Paulsen from Assistant Forest Technician, Mendocino Co. to Assistant State Forest Ranger, Humboldt County.

4-1-64 Roy Cornett, Jr. to Assistant State Forest Ranger, Mendocino County, from Forest Firefighter Foreman.

Transfers

4-1-64 Richard W. Malm, Assistant State Forest Ranger, from Humboldt County to Santa Clara County in District V.

Terminations

3-2-64 Paul G. Lee, Forest Firefighter Foreman, Lake County.

Retirees

11-30-64 Robert L. Cramer, Forest Fire Truck Driver, Sonoma County.

3-31-64 William H. Harvey, Forestry Equipment Operator, Humboldt County.

DISTRICT II

Promotions

1-31-64 Johnnie L. Dick to Forestry Superintendent, Mobile Conservation Camp, Shasta County, from Assistant State Forest Ranger, Humboldt County.

3-1-64 Walter L. Parsons to Forestry Work Project Foreman, Deadwood Conservation Camp, Siskiyou County, from Forest Firefighter Foreman, Butte County.

3-1-64 George R. LeBel to Associate State Forest Ranger, Lassen County, from Assistant State Forest Ranger, Santa Clara County.

4-1-64 John D. Rector, Jr. to Forestry Work Project Foreman at the Mobile Camp II, from Forestry Equipment Operator, Shasta County.

Transfers

1-31-64 Harold J. Stanley, Forestry Superintendent, Magalia Conservation Camp, Butte County, from Mobile Conservation Camp, Shasta County.

4-1-64 Gerald D. Gadbury, Forestry Work Project Foreman, to Magalia Conservation Camp from Mobile Camp II.

Leaves

4-6-64 Steven A. Brown, Forest Fire Truck Driver, Shasta County, indefinite military leave.

Terminations

2-29-64 Doyle W. McCallister, Forestry Work Project Foreman, Butte County.

Deceased

2-27-64 Billie J. Avise, Forestry Work Project Foreman, Lassen County.

DISTRICT III

Transfers

2-10-64 Charles C. McDowell, Forest Fire Truck Driver, from El Dorado to Amador County.

Terminations

2-21-64 Jones, Jan B., Forest Fire Truck Driver, Tuolumne County.

2-21-64 R. T. Morrissey, Forestry Equipment Operator, Placer County.

3-31-64 George L. Sproul, Forest Fire Truck Driver, Placer County.

3-31-64 Murrell, Michael D., Food Service Assistant I, Amador County.

Deceased

2-28-64 June B. McNerney, Assistant State Forest Ranger, Sacramento County.

DISTRICT IV

Promotions

2-15-64 Billy E. Hickman to Forestry Work Project Foreman at Mt. Home Conservation Camp, Tulare County, from Forest Firefighter Foreman, Fresno County.

1-31-64 Carl Armstrong to Assistant State Forest Ranger, Tulare County, from Forest Firefighter Foreman in Fresno County.

2-20-64 Earl Lovenguth to Forest Firefighter Foreman from Forest Fire Truck Driver, Fresno County.

3-1-64 Reuel Green from Forest Fire Truck Driver to Forestry Work Project Foreman at the Murietta Conservation Camp in Fresno County.

3-18-64 William G. Reed from Forestry Fireman to Forest Fire Truck Driver, Fresno County.

3-18-64 Ralph L. Sandifer from Forestry Fireman to Forest Fire Truck Driver, Fresno County.

3-18-64 Charles H. Strickland from Forestry Fireman to Forest Fire Truck Driver, Fresno County.

3-1-64 Edward Green to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Gerard J. Reinhart to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Sam J. Lackey, to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Larry G. Hansen to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Mike H. Rico to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 George Moore to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Charles R. Young, to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Joseph E. Taylor, Jr. to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Earl D. Hunter to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 Leonard K. Pettes from Forest Firefighter to Forestry Fireman, Fresno County.

3-1-64 Piete P. Van Den Bosch to Forestry Fireman from Forest Firefighter in Fresno County.

3-1-64 Robert W. Jensen to Forestry Fireman from Forest Firefighter, Fresno County.

3-1-64 James P. Bell to Forestry Fireman from Forest Firefighter in Fresno County, resigned 3-11-64.

3-1-64 Eddie L. Baker to Forestry Fireman from Forest Firefighter in Fresno County.

Transfers

3-24-64 James E. O'Neal Forest Fire Truck Driver, from Fresno to Tulare County.

Terminations

2-29-64 Juanita Jones, Intermediate Stenographer, Mariposa County.

3-31-64 John C. Reyes, Groundsman, Fresno District Headquarters.

Reinstatements

3-3-64 Gerald Pruitt, Forestry Fireman, Fresno County, from military leave.

DISTRICT V

Promotions

4-1-64 Arthur R. Lawrence from Forest Firefighter Foreman, Lassen, to Forestry Work Project Foreman at Slack Canyon, Monterey.

4-1-64 Edward M. Graham from Carpenter Foreman to Assistant Construction Inspector, Monterey.

Transfers

3-1-64 William R. Clark, Forest Fire Truck Driver, from San Luis Obispo to Monterey County.

4-1-64 Richard W. Malm, Assistant State Forest Ranger, Humboldt Co. to Santa Clara County.

Leaves

3-17-64 Richard D. Bargman, Forest Fire Truck Driver, Santa Clara, military leave.

3-27-64 Ralph V. Crippen, Forest Fire Truck Driver, Santa Clara, on military leave.

Terminations

2-29-64 Carl Weyman, Jr., Forest Fire Truck Driver, Monterey County.

3-31-64 John R. Nickelsen, Forest Firefighter Foreman, Santa Cruz.

DISTRICT VI

Promotions

1-1-64 John E. Ferguson from Forest Firefighter Foreman to Assistant State Forest Ranger, Riverside County.

2-19-64 Jack L. Sherman from Forest Firefighter Foreman to Assistant State Forest Ranger, Riverside Co.

2-10-64 James R. Miller from Forest Fire Truck Driver to Forest Firefighter Foreman, Riverside County.

2-5-64 Kenneth Dials from Forest Fire Truck Driver, Napa County, to Forestry Equipment Operator, San Bernardino County.

4-1-64 Louis A. Daniel from Forest Fire Truck Driver, to Forest Firefighter Foreman, Riverside County.

4-1-64 Jimmie G. Gaines from Forestry Work Project Foreman, Calaveras, to Assistant Forestry Superintendent, Puerta La Cruz Conservation Camp, San Diego County.

Transfers

3-1-64 Steve A. Richmond from Lassen County to Assistant State Forest Ranger, Riverside County.

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WORLD PULP OUTLOOK GOOD

Dr. Osara, Director of the United Nations Food and Agriculture Organization's Forestry Division, expects the world's pulp needs will grow from 90 million tons a year to 180 million tons by 1980, with a corresponding increase of from $15 billion to $20 billion in gross value of pulp products.

Dr. Osara expects no fibre shortage and looks to the developing countries as a source of cheap and plentiful supplies.

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NATIONAL FORESTS PROVIDE SPORTS OPPORTUNITIES

Both natural and artificial snow encouraged well over a million mandays of use on the 40 ski areas in California's National Forests according to Regional Forester Charles A. Connaughton.

The Mammouth area north of Bishop reported 280,000 visits, Squaw Valley had 145,500, and Alpine Meadows topped 100,000.

Somewhat over 200,000 skiers enjoyed both natural snow and the man-made product, produced by forcing compressed air and dry ice through a special nozzle, in the Southern California National Forests.

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DIVISION OF FORESTRY COMPLIMENTED ON CRESCENT CITY ACTIVITY

Recently we were all saddened to learn about the severe tidal wave and resultant damage in Crescent City, California. As you know, I happened to be in Eureka with the Governor's party when this occurred. Administrator Hugo Fisher and the Governor and some others in his party flew to Crescent City to view the damage and to pledge assistance to local government.

Administrator Fisher has complimented me on the work of the Division of Forestry crews in Crescent City who were on the job when he got there. Fire crews were offering fire protection services, patrolling roads, routing traffic, and assisted in prevention of looting. Mr. Fisher, I am sure, is not totally acquainted with the method in which our organization is integrated with Civil Defense and with the activities of local government. He was surprised and elated that our forces moved forward to assist without any orders from higher authority, and he was proud of the work that they were doing.

Since that time the inmate crews have also performed splendidly and I am sure that the officialdom here in Sacramento has been acquainted with their work both through official reports and through the front page story in the Sacramento Bee.

I want to congratulate you on the good work done in your District, and I will appreciate your forwarding a copy of this letter to Ranger Joe Springer and Forestry Superintendent Jack Cloward.

F. H. Raymond
State Forester

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RINSE SPRAYER DOUBLES AS EFFECTIVE SPRINKLER SYSTEM

Fire which burned through a rinse sprayer hose beneath a kitchen sink was extinguished as a result of its own distinctive action, resulting in only $400 damage to a Porterville home.

Upon the arrival of Division of Forestry crews, it was found that a cigarette which had been dumped in a wastepaper basket beneath the kitchen sink caught fire to the undersink cupboard and burned until the rinse sprayer hose burned through. Water spray from the hose effectively controlled the blaze.

A young eight-year-old boy, asleep in the house at the time, was awakened by his barking dog. He remembered his cub scout training, placed a blanket over his head to escape the smoke-filled house, and notified his parents next door, who in turn called the State Forestry. The boy then returned and saved his dog, Mitzie.

Walter R. Bolster
Assistant Fire Prevention Officer

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RETIRED DEPUTY COMMENTS ON THE 1964 CAL-RURAL MEETING

The 1964 annual meeting of the California Rural Fire Association was held April 23-26 in Modesto, California. This was (as many expressed) one of the outstanding meetings as it pertained to program and attendance.

Of particular interest to Division of Forestry employees State-wide was the contribution of Ranger Amundsen of the Tuolumne Unit. The oldtime hand pumper that they rebuilt is a masterpiece. Their presentation of the colors at the meeting was well done. Tulare Ranger Unit, under Ranger Banks, had an outstanding number of entries in the field events. A number of trophies were won for first and second place, etc. Assistant Ranger Miller of Pixley should be proud of the group he trained. I cannot think of a better way to sell fire prevention and fire control to his local people and those attending the convention.

Ranger Pennington was named President for 1964 and Ranger Jack Kessler was renamed Director with his term expiring in 1966. The Division of Forestry should feel very proud that these two Rangers are held in such high esteem to be elected to high offices in this State-wide organization. Continued, and even greater, support should be given these Rangers and the California Rural Fire Association in the future.

Sincerely,

C. E. Metcalf

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GIVE THEM ENOUGH ROPE

Rope anyone? We have plenty at Mt. Bullion Youth Conservation Camp. In fact, we have 120,000 feet or 22.7272+ miles of rope. This all came about when we ordered 1,200 feet of 3/4 and 1/4 inch rope. Someone interpreted our order as 1,200 hundred feet. We need an extension on our warehouse and a new budget.

John L. Lewis
Asst. Forestry Superintendent

CHARLES B. EATON MEMORIAL FUND SET UP

Charles B. Eaton served the United States Department of Agriculture in forest insect research from 1934 to 1964, except for four years in military service. He was graduated from the New York State College of Forestry in 1934 and was stationed successively in Asheville, North Caroline; Berkeley, California; Beltsville, Maryland; Milwaukee, Wisconsin; and again in Berkeley.

Since his untimely death on March 20, men who knew and worked with Charlie over the years and in different parts of the country have expressed their earnest wish that some sort of fund be established to honor his memory appropriately. It has been suggested that the money be used to promote entomological research or education, either through awards or scholarships. It is hoped that the fund will be administered by the Entomological Society of America, perhaps by combining it with other such funds to produce sufficient working capital.

A local interim committee, consisting of Richard H. Smith, Entomologist, Pacific Southwest Forest and Range Experiment Station, P. O. Box 245, Berkeley; Ronald W. Stark, Associate Professor, Department of Entomology and Parasitology, University of California, Berkeley; and Ralph C. Hall, Forestry Entomologist, U. S. Forest Service, San Francisco, has been formed to let Charlie's friends know that a memorial fund is being established and to welcome their contributions.

Contributions should be sent to the Charles B. Eaton Memorial Fund, c/o Bank of California, P. O. Box 733, Berkeley, California, which is acting as temporary depository for the fund.

/s/ Richard H. Smith
Chairman

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SMALL WATERSHEDS

President L. B. Johnson introduced the first small watershed legislation in the Senate - when he was U. S. Senator from Texas.

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CENTRAL SIERRA DISTRICT BOWLING CHAMPIONS

On Sunday, April 12, a bowling tournament was held at Country Club Lanes in Sacramento to determine the championship bowling team of this District. Competing in the tournament were teams from Headquarters, Amador, Calaveras, Folsom Conservation Camp, Nevada and Placer. The event proved to be a lot of fun with some very good bowling by many of the participants.

High scratch series of 545 was rolled by Roberta Hasemeir (Folsom Lake Team) and Al Puppo, Amador, had the high scratch game of 212.

The Headquarters Office team came out as champions, winning both on scratch and handicap basis. Second place went to Folsom Lake Conservation Camp. Members of the championship team and their series were: Bill Brown (468), Rose Ann Marchi (499), Walt Bemis (524), Elinor Jamieson (392) and Bill Jamieson (460).

Plans are being made to form a league for next winter with the bowling to be on a traveling basis at each county participating.

Rose Ann Marchi

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C.D.F. EMPLOYEES COMMENDED BY MARINE CORPS GENERAL

Claude Lewellan, Ronald D. Petska, John C. Sleppy, and Robert Stillions of the Orange Ranger Unit were commended by Marine Corps Major General F. E. Leek for their courageous and unselfish action in fire suppression and resuce operations at an aircraft crash site.

On March 17, a Marine Corps helicopter crashed and burned in the rugged mountains north of Irvine Lake. Instant response to the crash and fire alarm on the part of the Division of Forestry may have prevented injured crewmen and rescuers from being trapped by a brush fire caused by the crash, according to General Leek in his letter of commendation.

In addition to his commendation for their alert action, General Leek expressed the appreciation of the 3rd Marine Aircraft Wing for Division of Forestry cooperation and assistance, and for "courageous and unselfish action in preventing possible further injury or death to members of his command ..."

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FIRST CLASS GRADUATES FROM OAK GLEN

Mr. James K. Mace, Deputy State Forester, gave the keynote address at the first Oak Glen Forestry Youth Camp graduation ceremony.

Eleven of the original group which arrived in early November completed their six months term at the camp.

Guests of honor included Dr. Lyle Siverson, Assistant Superintendent of Riverside County Schools; Mr. Francis Bawden, Department of Employment; Mr. L. T. Petersen, Deputy State Forester; Mr. Fred Dunow, Deputy State Forester; and Mr. Harold Nixon, State Forest Ranger.

The education certificates were presented by Dave Stine, principal, and Jack Gotta. Don Ashley, Forestry Work Project Foreman, awarded athletic awards for basketball. Mr. L. T. Petersen and Mr. J. K. Mace presented the diplomas of completion while Ranger Green acted as master of ceremonies.

Entertainment was provided for by the newly formed trainee combo.

The men who were graduated were William Anthony from Modesto, Lamar Berry from San Francisco, William Bicknell from Rio Linda, Charles Bradford from San Francisco, Allen Braune from North Highlands, Roderick Cameron from Fort Bragg, Edward Cifu from Riverside, Manual Castillo from Long Beach, Alan Berni from Sacramento, Thomas Calvin from Escondido, and James Craig from National City. The last three men have re-enrolled for an additional six-month period.

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SPECIAL AWARDS GIVEN TO FOREMEN

Special awards were presented at the Oak Glen Forestry Youth Camp graduation ceremony to Forestry Work Project Foremen Steve Stein and Don Ashley, for their extensive work with the recreation and athletic teams. The two plaques were awarded by the trainees and team members.

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PERSONNEL CHANGES

ADMINISTRATION

Appointments

4-21-64 Jacqueline Wong appointed Intermediate Typist Clerk, Management Service Section.

4-27-64 Betty A. Uhls appointed Intermediate Typist Clerk, Forest Management Section.

5-11-64 Betty Perkins appointed Intermediate Typist Clerk, Davis Nursery.

5-18-64 Barbara A. Roth appointed Intermediate Stenographer, Management Service Section.

Terminations

4-30-64 Patricia N. Neel, Intermediate Typist Clerk, Davis Nursery.

DISTRICT I

Appointments

5-4-64 Virgil R. Williams appointed Forest Fire Lookout, Mendocino County.

Transfers

4-14-64 Joseph T. Cardoza, Jr. Forest Fire Truck Driver from Napa to Sonoma County.

4-21-64 Clarence R. Neal, Forestry Equipment Operator, to Division of Highways.

Leaves

4-26-64 David A. Folmar, Forest Fire Truck Driver, military leave.

DISTRICT II

Appointments

5-4-64 Mary Jane Anderson, Intermediate Stenographer, Shasta County.

5-4-64 Robert W. Hunt, Forestry Work Project Foreman, Magalia Conservation Camp.

5-11-64 Bette L. Spicer, Intermediate Clerk, Shasta County.

Promotions

4-1-64 Howard E. Henry, Jr. to Assistant Forestry Superintendent, Conservation Camp, Lassen County, from Forestry Work Project Foreman.

Transfers

4-20-64 Alfred H. Isaacs to Antelope Conservation Camp, Lassen County, from Mobile Camp, Mendocino County.

Terminations

4-13-64 Amies L. Hibdon, Forestry Equipment Operator, Shasta County.

DISTRICT III

Appointments

5-11-64 William F. Hendsch, Forest Fire Lookout, Calaveras County.

Promotions

4-21-64 Richard D. Potter, Forest Fire Truck Driver, to Forest Firefighter Foreman, Placer County.

5-1-64 Jack Badertscher, Forest Fire Truck Driver, to Forest Firefighter Foreman, Placer County.

5-1-64 Gary R. Sweet, Forest Fire Truck Driver, to Forest Firefighter Foreman, Nevada-Yuba County.

5-4-64 Herbert L. Self, Forest Fire Truck Driver, to Forest Firefighter Foreman, Tuolumne County.

5-5-64 Robert W. Davey, Forest Fire Truck Driver to Forest Firefighter Foreman, Tuolumne County.

Transfers

5-1-64 Allan H. Smith, Forest Fire Truck Driver, from Placer to Nevada-Yuba County.

5-1-64 Howard G. Joines, Forest Fire Truck Driver, from Placer County to Nevada-Yuba County.

5-1-64 Alvin H. Wood, Forest Firefighter Foreman, from Tuolumne to Nevada-Yuba County.

Reinstatements

4-20-64 Dennis P. Maguire, Forest Fire Truck Driver, from leave of absence, Placer County.

DISTRICT IV

Appointments

4-10-64 Marilyn M. Rummel, Temporary Intermediate Stenographer, Mariposa County.

Promotions

5-1-64 Piete P. Van den Bosch from Forestry Fireman to Forest Fire Truck Driver, Fresno County.

Transfers

4-15-64 Bartholomew Sciacqua, Forest Fire Truck Driver, from Tulare to Madera County.

Leaves

3-31-64 John Robbins, Forest Fire Truck Driver, military leave from Madera County.

4-12-64 James H. Taglio, Forest Fire Truck Driver, military leave from Madera County.

5-11-64 Charles F. Lehl, Forest Fire Truck Driver, military leave Tulare County.

Terminations

4-10-64 Daniel Butler, Camp Crew Cook, Fresno County.

4-17-64 Joseph E. Taylor, Forestry Fireman, Fresno County.

5-1-64 Jo Ann Foust, Intermediate Stenographer, Tulare County.

Retirees

4-30-64 Joe C. Trumpower, Forest Firefighter Foreman, Madera County.

DISTRICT V

Appointments

5-1-64 Loyd H. Forrest, Jr., Forest Graduate Trainee, Monterey County.

5-4-64 Charles L. Myers, Forest Fire Lookout, Monterey County.

Promotions

5-1-64 Donald A. Eichman, Forest Fire Truck Driver, Santa Clara Co. from Forest Firefighter, San Mateo County.

Transfers

3-20-64 George W. Osborne, Forest Fire Truck Driver, from San Mateo to Monterey County.

5-1-64 Donald E. Mecchi, Forest Fire Truck Driver, from San Mateo to Monterey County.

5-1-64 Michael A. Calhoun, Forest Fire Truck Driver, from San Mateo to Santa Cruz County.

5-1-64 Walter F. Reh, Forest Fire Truck Driver, from San Mateo to Santa Cruz County.

5-1-64 Robert S. Bottini, Forest Fire Truck Driver, from San Mateo to Santa Clara County.

5-1-64 Richard R. McConnell, Forest Fire Truck Driver, from San Mateo to Santa Clara County.

5-1-64 Michael J. Dudgeon, Forest Fire Truck Driver, from San Mateo to Santa Clara County.

5-1-64 John F. Bollinger, Forest Fire Truck Driver, from San Mateo to Santa Clara County.

Leaves

4-26-64 Raymond L. Hebrard, Forest Fire Truck Driver, San Mateo County, military leave.

5-11-64 Douglas G. Brown, Forest Fire Truck Driver, San Mateo County, military leave.

Terminations

4-30-64 Joseph L. Wright, Forest Fire Truck Driver, San Luis Obispo County.

Promotions

5-1-64 Ronald G. Birk, Forest Fire Truck Driver, to Forest Firefighter Foreman, Santa Cruz County.

DISTRICT VI

Promotions

4-16-64 Eugene B. Wujko to Forestry Fireman, Orange County.

4-16-64 Richard L. Bunch to Forestry Fireman, Orange County.

4-16-64 Wayne G. Crissman, Jr. to Forestry Fireman, Orange County.

4-16-64 Carl R. Erickson to Forestry Fireman, Orange County.

4-16-64 David R. Lewis to Forestry Fireman, Orange County.

4-16-64 Donald R. Walters to Forestry Fireman, Orange County.

4-16-64 Phil L. Wilmot to Forestry Fireman, Orange County.

4-20-64 Ronnie L. Jones to Forest Firefighter Foreman, Orange County.

4-20-64 Bruce C. Munn to Forest Firefighter Foreman, San Bernardino County.

4-20-64 John C. Sleppy to Forest Firefighter Foreman, Orange County.

Transfers

4-16-64 Chris Hinck, Jr., Forest Fire Truck Driver, from San Bernardino to San Diego County.

4-16-64 George W. Jones, Forest Fire Truck Driver, from San Bernardino to San Diego County.

4-16-64 Jay C. Malstrom, Forest Fire Truck Driver, from San Bernardino to San Diego County.

4-16-64 Robert T. Robeson, Forest Fire Truck Driver, from San Bernardino to San Diego County.

4-16-64 Taylor L. Stevens, Forest Fire Truck Driver, from San Bernardino to San Diego County.

4-16-64 Harry M. Van Bibber, Forest Fire Truck Driver, from San Bernardino to San Diego County.

Terminations

5-1-64 Tony E. Campos, Intermediate Account Clerk, Riverside County.

4-30-64 Harold F. Mase, Forestry Work Project Foreman, Pilot Rock.

Reinstatements

4-15-64 Phoebe C. Duffield, Intermediate Stenographer, San Diego County.

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